

ORDER

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

6850.20

12/16/80

SUBJ: MEDIUM INTENSITY APPROACH LIGHTING SYSTEM THRESHOLD LIGHTING BACKFIT

1. PURPOSE. This order directs the use of the following standard drawing for the installation of threshold lighting in existing medium intensity approach lighting system (MALS) without threshold lighting.

<u>Number</u>	<u>Date</u>	<u>Title</u>
D-6205-1	11/19/80	Medium Intensity Approach Lighting System Threshold Lighting - Backfit Electrical System Layout and Wiring

2. DISTRIBUTION. This order is distributed to branch level in Airway Facilities Service; to division level in Logistics, System Research and Development, and Air Traffic Services, Office of the Associate Administrator for Airports, and the Office of Flight Operations in Washington headquarters; branch level in the regional Airway Facilities, Airports, Flight Standards, and Air Traffic divisions (except AEU); and to the Director, FAA Technical Center, and the Aeronautical Center.

3. BACKGROUND. Prior to the FY-79 MALS program the MALS, medium intensity approach lighting systems with sequenced flashers (MALSF), and medium intensity approach lighting system with runway alignment indicator lights (MALSR) were installed without threshold lighting. Threshold lighting was added to the MALS to comply with International Civil Aviation Organization (ICAO) criteria for lighting the threshold on approach lighting systems.

4. APPLICATION. Drawing D-6205-1 shall be used for threshold lighting electrical installations when backfitting MALS, MALSF, or MALSR with threshold lighting.

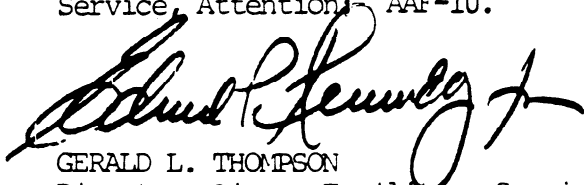
5. DEVIATION FROM STANDARD. No deviation from the standard is authorized without the prior approval of the Director, Airway Facilities Service, and the Director, Office of Flight Operations. Dimensional errors, discrepancies, or suggestions for modification or additional details should be brought to the attention of the Chief, Environmental Systems Division, AAF-500, Airway Facilities Service.

6. CORRECTIONS TO STANDARD. Corrections to the standard may be made by the Director, Airway Facilities Service, without further regional or interservice coordination. These may include misspellings, corrections of dimensional errors, and modification, addition, or deletion of minor details.

Distribution: A-W(AF)-3; A-W(LG/RD/AT/AS/RP/PP/FO)-2;
A-X(AF/AS/FS/AT)-3 (except AEU); A-YZ-1

Initiated By: AAF-530

7. DISTRIBUTION OF DRAWINGS. One reproducible copy of each drawing is being forwarded to each region (except AEU), Attention: Chief, Airway Facilities Division; FAA Technical Center; and two copies of each drawing to the Aeronautical Center, Attention: Chief, FAA Depot. Additional copies may be obtained from the Administrative Staff, Airway Facilities Service, Attention: AAF-10.



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Director, Airway Facilities Service